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Applicant(s)

BURCHARDT, et al.

FOREIGN PATENT DOCUMENTS

*	DOCUMENT NO.	DATE DD/MM/YY	COUNTRY	PRIMARY CLASS	SUB- CLASS	TRANSLATION	
						YES	NO

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

- R₄** Kessler, E., Takahara, K., Biniaminov, L., Brusel, M., Greenspan, D. S., "Bone Morphogenetic Protein-1: The Type I Procollagen C-Proteinase", Science, 271: 360-362 (Jan. 1996)
- R₅** Panchenko, M. V., Stetler-Stevenson, W. G., Trubetskoy, O. V., Gacheru, S. N., Kagan, H. M., "Metalloproteinase Activity Secreted by Fibrogenic Cells in the Processing of Prolysl Oxidase", J. Biol. Chem., 271(12): 7113-7119 (1996)
- R₆** Suzuki, N., Labosky, P. A., Furuta, Y., Hargett, L., Dunn, R., Fogo, A. B., Takahara, K., Peters, D. M., Greenspan, D. S., Hogan, B. L. M., "Failure of ventral body wall closure in mouse embryos lacking a procollagen C-proteinase encoded by Bmp1, mammalian gene related to Drosophila tolloid", Development, 122: 3587-3595 (1996)
- R₇** Olsen, B. R., "Morphogenesis: Collagen it takes and bone it makes", Current Biology, 6(6): 645-647 (1996)
- R₈** Gerling, B., Becker, M., Waldschmidt, J., Rehmann, M., Schuppan, D., "Elevated serum aminoterminal procollagen type-III-peptide parallels collagen accumulation in rats with secondary biliary fibrosis", Journal of Hepatology, 25: 79-84 (1996)
- R₉** Kountouras, J., Billing, B. H., Scheuer, P. J., "Prolonged bile duct obstruction: a new experimental model for cirrhosis in the rat", Br. J. Exp. Path., 65: 305-311 (1984)
- R₁₀** McLean, E. K., McLean, A. E. M., Sutton, P. M., "Instant Cirrhosis. An Improved Method for Producing Cirrhosis of the Liver in Rats by Simultaneous Administration of Carbon Tetrachloride and Phenobarbitone", Br. J. Exp. Path., 50: 502-506 (1969)
- R₁₁** Johnson, S. J., Hines, J. E., Burt, A. D., "Phenotypic modulation of perisinusoidal cells following acute liver injury: a quantitative analysis", Int. J. Exp. Path., 73: 765-772 (1992)
- R₁₂** Bickett, D. M., Green, M. D., Berman, J., Dezube, M., Howe, A. S., Brown, P. J., Roth, J. T., and McGeehan, G. M., "A High Throughput Fluorogenic Substrate for Interstitial Collagenase (MMP-1) and Gelatinase (MMP-9), Analytical Biochemistry, 212: 58-64 (1993)
- R₁₃** Grant, G. A., Eisen, A. Z., Marmer, B. L., Roswit, W. T., and Goldberg, G. I., "The Activation of Human Skin Fibroblast Procollagenase", The Journal of Biological Chemistry, 262(12): 5886-5889 (1987)
- R₁₄** Aimes, R. T., Quigley, J. P., "Matrix Metalloproteinase-2 is an Interstitial Collagenase", J. Biol. Chem., 270(11): 5872-5876 (1995)

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- RC* **R₁₅** Prockop, D. J., Sieron, A. L., Li, S.-W., "Procollagen N-Proteinase and Procollagen C-Proteinase. Two Unusual Metalloproteinases that are Essential for Procollagen Processing Probably have Important Roles in Development and Cell Signaling", *Matrix Biology*, 16: 399-408 (1997/98)
- RC* **R₁₆** Wozney, J. M., Rosen, V., Celeste, A. J., Mitsock, L. M., Whitters, M. J., Kriz, R. W., Hewick, R. M., Wang, E. A., "Novel Regulators of Bone Formation: Molecular Clones and Activities", *Science*, 242: 1528-1534 (Dec. 1988)
- RC* **R₁₇** Matayoshi, E. D., Wang, G. T., Krafft, G. A., Erickson, J., "Novel Fluorogenic Substrates for Assaying Retroviral Proteases by Resonance Energy Transfer", *Science*, 247: 954-958 (Feb. 1990)
- RC* **R₁₈** Lee, S.-T., Kessler, E., and Greenspan D. S., "Analysis of Site-directed Mutations in Human Pro- α 2(I) Collagen which Block Cleavage by the C-proteinase", *J. Biol. Chem.*, 265(35): 21992-21996 (1990)
- RC* **R₁₉** Campagne, J.-M., Coste, J., Guillou, L., Heitz, A., and Jouin, P., "Solid Phase Synthesis of Phosphonic Peptides", *Tetrahedron Letters*, 34(26): 4181-4184 (1993)
- RC* **R₂₀** Grams, F., Dive, V., Yiotakis, A., Yiallourous, I., Vassiliou, S., Zwilling, R., Bode, W., Stocker, W., "Structure of astacin with a transition-state analogue inhibitor", *Nature Structural Biology*, 3(8): 671-675 (Aug. 1996)
- RC* **R₂₁** Stocker, W., Grams, F., Baumann, U., Reinemer, P., Gomis-Ruth, F.-X., McKay, D. B., Bode, W., "The metzincins-Topological and sequential relations between the astacins, adamalysins, serralsins, and matrixins (collagenases) define a superfamily of zinc-peptidases", *Protein Science*, 4: 823-840 (1995)
- RC* **R₂₂** Stocker, W., Gomis-Ruth, F.-X., Bode, W., Zwilling, R., "Implications of the three-dimensional structure of astacin for the structure and function of the astacin family of zinc-endopeptidases", *Eur. J. Biochem.*, 214: 215-231 (1993)
- RC* **R₂₃** Janitz, M., Heiser, V., Bottcher, U., Landt, O., Lauster, R., "Three alternatively spliced variants of the gene coding for the human bone morphogenetic protein-1", *J. Mol. Med.*, 76: 141-146 (1998)
- RC* **R₂₄** Li, S.-W., Sieron, A. L., Fertala, A., Hojima, Y., Arnold, W. V., Prockop, D. J., "The C-proteinase that processes procollagens to fibrillar collagens is identical to the protein previously identified as bone morphogenetic protein-1", *Proc. Natl. Acad. Sci. USA*, 93: 5127-5130 (1996)
- RC* **R₂₅** Burchardt, E. R., Schroder, W., Heke, M., Kohlmeyer, J., Neumann, R., Kroll, W., "Expression Cloning of C-Terminal Procollagen (III) Propeptide and its use in a Novel Serum Assay to Monitor Liver Fibrosis", *Hepatology*, 26(4): 487A (1997) *abstract # 1435*
- RC* **R₂₆** Kauschke, S. G., Knorr, A., Olzen, M., Burchardt, E. R., "Expression of Collagen (III) as Determined by Quantitative PCR and its Correlation with Extracellular Collagen Deposition in the Rat CCL Model of Liver Fibrosis", *Hepatology*, 538A (Oct. 1997) *abstract 1638*
- RC* **R₂₇** Amano, S., Takahara, K., Gerecke, D., Nishiyama, T., Lee, S., Greenspan, D. S., Burgeson, R. E., "Bone Morphogenetic Protein-1 is the Processing Enzyme for Laminin 5 in Human Keratinocytes", *Mol. Biol. Cell*, 58A (1996) *abstract 338*
- RC* **R₂₈** Senoo, H., Wake, K., "Suppression of Experimental Hepatic Fibrosis by Administration of Vitamin A", *Lab. Invest.*, 52(2): 182-194 (1985)

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